

Rat RANTES / CCL5

Synonyms: Small inducible cytokine A5, CCL5, T-cell-specific RANTES protein, SIS-delta, T cell- specific protein P228, TCP228, chemokine (C-C motif) ligand 5, SISd, SCYA5, RANTES, D17S136E, MGC17164.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1860.970.005		
20 µg	1860.970.020		
1 mg	1860.970.199		

Please enquire for bulk quantities and other vial sizes

Description

Rantes Rat Recombinant produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 68 amino acids and having a molecular mass of 7876 Dalton.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a concentrated (1mg/ml) solution in water containing no additives*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The activity is determined by the ability to chemoattract total human lymphocytes and murine T-cells at a concentration between 1-10ng/ml corresponding to a Specific Activity of 100,000-1,000,000IU/mg.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized Rat Rantes although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Rat CCL5 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

SPYGSDDTTPC CFAYLSLALP RAHVKEYFYT SSKCSNLAVV FVTRRRNRQVC ANPEKKWVQE YINYLEMS

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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